

SMART; SM00320; WD40; 8.
PROSITE; PS00896; LISH; 1.
PROSITE; PS00678; WD REPEATS 1; 4.
PROSITE; PS0082; WD REPEATS 2; 6.
PROSITE; PS00294; WD REPEATS REGION; 1.
Repeat; WD repeat.
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FT REPEAT 493 525 WD 8.
FT DOMAIN 108 124 POLY-ALA
SC SEQUENCE 526 AA; 57048 MW; 98922F88BC42F6B9 CRC64;

Query Match 89.4%; Score 2437; DB 1; Length 526;
Best Local Similarity 86.0%; Pred. No. 2.1e-168;
Matches 453; Conservative 33; Mismatches 27; Indels 14; Gaps 2;

QY 1 MSISDEVNLFVYLOESGSHAFTEGKSHISQSNINGALVPPAALISIIQKGLQYV 60
DQ 1 MSISDEVNLFVYLOESGSHAFTEGKSHISQSNINGALVPPAALISIIQKGLQYV 60
QY 61 EAEVSIINEDGTLFDRPIESLSLDVMPDVVQTRQAYRDKLAQQOAAAAA--- 117
DQ 61 EAEVSIINEDGTLFDRPIESLSLDVMPDVVQTRQAYRDKLAQQOAAAAAATAA 120
QY 118 -----ASQGSXKNGENTANGENGHAHTIANNHTDMVEVDGVEIPPNKAVLRG 167
DQ 121 ATAATTTAGVSHQNPCKNREATVNGENRAHSV-NNHAKPMEIDGVEIPSSKATVLRG 179
QY 168 HESVFCANVPVSDLLASGSDSTARIWNLSNSTSGTOLVLRHCIREGGODVPSNKD 227
DQ 180 HESVFCANVPVSDLLASGSDSTARIWNLSNSTSGTOLVLRHCIREGGHDPVPSNKD 239
QY 228 VTSLDWNSGTLATGSDGFARITWKDGNLSTLQGHKGPFPALKWNKNGNFIISAGVD 287
DQ 240 VTSLDWNTGTLATGSDGFARITWKDGNLSTLQGHKGPFPALKWNKNGNFIISAGVD 299
QY 288 KTIINWDAHTGEAKQPPHSAFAPALVDVWQSNNTFASCSTDMCIHVCKLQDRIKTFQG 347
DQ 300 KTIINWDAHTGEAKQPPHSAFAPALVDVWQSNNTFASCSTDMCIHVCKLQDRIKTFQG 359
QY 348 HTNEVNAIKWDPKTMILASCSDDMTLKIWSKODNCVHDLQOHKEIYTIKWSPTGPTGN 407
DQ 360 HTNEVNAIKWDPKTMILASCSDDMTLKIWSKODNCVHDLQOHKEIYTIKWSPTGPTGN 419
QY 408 NPANMLASASFDSTVRLMDVGRGICHTLTKHQEPVYVAFSPDGRYLAGSFDKCVH 467
DQ 420 NPANMLASASFDSTVRLMDVGRGICHTLTKHQEPVYVAFSPDGRYLAGSFDKCVH 479
QY 468 IWNTOCALVHSYRGVGTGIEVCWNAAGDKVGASASDGSVCVLDLRK 514
DQ 480 IWNTOCALVHSYRGVGTGIEVCWNAAGDKVGASASDGSVCVLDLRK 526

RESULT 3
TBLY HUMAN
ID TBLY HUMAN STANDARD; PRT; 522 AA.
AC Q8BQ87;
DT 28-FEB-2003 (Rel. 41, Created)
DT 28-FEB-2003 (Rel. 41, Last sequence update)
DT 28-FEB-2003 (Rel. 41, Last annotation update)
DE Transducin beta-like 1Y protein (Transducin-beta-like 1, Y-linked).
GN TBLY OR TBLY
OS Homo sapiens (Human)
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
OX NCBI_TaxID=9606;
RN [1]
RP SEQUENCE FROM N.A.
RA Kuroda-Kawaguchi T., Skaletsky H., Minx P.J., Brown L.G., Rozen S.,
RA Wilson R.K., Waterston R.H., Page D.C.;
RT "The DNA sequence of the human Y chromosome."
RT Submitted (DEC-2000) to the EMBL/GenBank/DBJ databases.
CC -1- SIMILARITY: Contains 1 Lish domain.
CC -1- SIMILARITY: Contains 8 WD repeats.
CC -----
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DR PROSITE; PS00896; Lish; 1.
DR PROSITE; PS00678; WD REPEATS 1; 4.
DR PROSITE; PS00882; WD REPEATS 2; 6.
DR PROSITE; PS00294; WD REPEATS_REGION; 1.
KW Repeat; WD repeat.
FT DOMAIN 4 36 LISH.
FT REPEAT 177 216 WD 1.
FT REPEAT 233 272 WD 2.
FT REPEAT 274 313 WD 3.
FT REPEAT 316 354 WD 4.
FT REPEAT 357 396 WD 5.
FT REPEAT 399 447 WD 6.
FT REPEAT 450 489 WD 7.
FT REPEAT 491 521 WD 8.
SQ SEQUENCE 522 AA; 56688 MW; 4E020216422442D8 CRC64;

Query Match 86.8%; Score 2367; DB 1; Length 522;
Best Local Similarity 84.5%; Pred. No. 2.4e-163;
Matches 442; Conservative 35; Mismatches 34; Indels 12; Gaps 2;

QY 1 MSISDEVNLFVYLOESGSHAFTEGKSHISQSNINGALVPPAALISIIQKGLQYV 60
DQ 1 MSISDEVNLFVYLOESGSHAFTEGKSHISQSNINGALVPPAALISIIQKGLQYV 60
QY 61 EAEVSIINEDGTLFDRPIESLSLDVMPDVVQTRQAYRDKLAQQOAAAAA--- 115
DQ 61 EAEVSIINEDGTLFDRPIESLSLDVMPDVVQTRQAYRDKLAQQOAAAAAATAA 120
QY 116 -----AAASQGSXKNGENTANGENGHAHTIANNHTDMVEVDGVEIPPNKAVLRGHE 169
DQ 121 AATMTPAAISQNPCKNREATVNGENCAHEI-NNHAKPMEIDGVEIPPNKATVLRGHE 179
QY 170 SEVFCANVPVSDLLASGSDSTARIWNLSNSTSGTOLVLRHCIREGGODVPSNKDVT 229
DQ 180 SEVFCANVPVSDLLASGSDSTARIWNLSNSTSGTOLVLRHCIREGGHDPVPSNKDVT 239
QY 230 SLDWNSGTLATGSDGFARITWKDGNLSTLQGHKGPFPALKWNKNGNFIISAGVDKT 289
DQ 240 SLDWNSGTLATGSDGFARITWKDGNLSTLQGHKGPFPALKWNKNGNFIISAGVDKT 299
QY 290 TIIWDAHTGEAKQPPHSAFAPALVDVWQSNNTFASCSTDMCIHVCKLQDRIKTFQGHT 349
DQ 300 TIIWDAHTGEAKQPPHSAFAPALVDVWQSNNTFASCSTDMCIHVCKLQDRIKTFQGHT 359
QY 350 NEVNAIKWDPKTMILASCSDDMTLKIWSKODNCVHDLQOHKEIYTIKWSPTGPTGNP 409
DQ 360 NEVNAIKWDPKTMILASCSDDMTLKIWSKODNCVHDLQOHKEIYTIKWSPTGPTGNP 419
QY 410 NANMLASASFDSTVRLMDVGRGICHTLTKHQEPVYVAFSPDGRYLAGSFDKCVHIW 469
DQ 420 NSSIMLASASFDSTVRLMDVGRGICHTLTKHQEPVYVAFSPDGRYLAGSFDKCVHIW 479
QY 470 NTOTCALVHSYRGVGTGIEVCWNAAGDKVGASASDGSVCVLDLRK 512
DQ 480 NTOTCALVHSYRGVGTGIEVCWNAAGDKVGASASDGSVCVLDLRK 522

RESULT 4
TBLY MOUSE
ID TBLY_MOUSE STANDARD; PRT; 313 AA.
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